|   | Index of Claims                         |          |          |                 |           |              |           |        |                 |           |              |            |          | Application/control No. |             |              |                |            |          |           |         |                |          | Reexamination |                      |                |            |                 |                |          |  |  |  |
|---|---|----------|----------|-----------------|-----------|--------------|-----------|--------|-----------------|-----------|--------------|------------|----------|-------------------------|-------------|--------------|----------------|------------|----------|-----------|---------|----------------|----------|---------------|----------------------|----------------|------------|-----------------|----------------|----------|--|--|--|
|   |   |          |          |                 |           |              |           |        |                 |           |              |            |          |                         | 10          | 10/696,634   |                |            |          |           |         |                |          |               |                      | IEONG ET AL.   |            |                 |                |          |  |  |  |
|   |   |          |          |                 | Ш         |              |           |        |                 |           |              |            |          |                         | Ì           |              | Examiner       |            |          |           |         |                |          |               |                      | Art Unit       |            |                 |                |          |  |  |  |
|   |   |          |          |                 |           |              |           |        |                 |           |              |            |          |                         |             |              |                |            |          |           |         |                |          |               |                      |                |            |                 |                |          |  |  |  |
|   |   |          |          |                 |           |              |           |        |                 |           |              |            |          |                         | Fazli Erdem |              |                |            |          |           |         |                |          | 28            | 26                   |                |            |                 |                |          |  |  |  |
|   |   |          |          |                 |           |              |           |        |                 |           |              |            |          |                         |             |              |                |            |          |           |         | 1              | П        |               |                      |                |            | $\neg$          |                |          |  |  |  |
|   | √ Rejected − (Through nume<br>Cancelled |          |          |                 |           |              |           |        |                 |           | era          | al)        |          |                         | N           | Non-Electe   |                |            | ted      | d         |         | Appeal         |          |               |                      |                |            |                 |                |          |  |  |  |
|   |   |          | <u> </u> | ┞               | Allowed   |              |           |        | +               | Cancelled |              |            |          |                         |             | ŀ            |                |            |          |           |         |                | 尸        | <b></b>       |                      |                | $\dashv$   |                 |                |          |  |  |  |
|   |   |          | =        | A               |           |              |           |        |                 |           |              | Restricted |          |                         |             | ١            | ı              | Interferen |          | ice .     | се      | 0              | Objected |               |                      | l              |            |                 |                |          |  |  |  |
|   |   |          | L        |                 |           |              | _         |        |                 | <u></u>   |              |            |          |                         |             |              | . [            |            |          |           |         | }              | Ш        | <u> </u>      |                      |                |            |                 |                |          |  |  |  |
|   | Cla                                     | aim      | 2        | ,               |           | Date         |           |        |                 |           |              | Claim      |          |                         | Dat         |              | ate            |            |          |           | CI      | aim            |          | Date          |                      |                |            |                 |                |          |  |  |  |
|   |   | <u></u>  | 102/10   | П               |           | T            |           |        |                 |           |              | _          | a a      | П                       |             |              |                | I          |          |           |         |                |          | <u>_</u>      | П                    | Т              |            |                 | П              |          | T  |  |  |
|   | Final                                   | Original | 12       | ŀ I             |           |              |           |        |                 |           |              | Final      | Original | Ш                       |             |              |                |            |          |           |         |                | Final    | Original      | Н                    |                |            |                 | lΙ             |          | 1  |  |  |
|   | _                                       | Ō        | ٤        |                 |           |              |           |        |                 |           |              |            |          | Ш                       |             |              |                |            |          |           |         |                |          |               | Ш                    |                |            |                 |                |          |  |  |  |
|   | 1                                       | 1        | =        | Ц               | _         | $\perp$      | 4         | 4      | 1               |           |              |            | 51       | Н                       |             | $\bot$       | _              | _          | $\dashv$ | _         |         | _              |          | 101           | Ш                    | 4              |            | $\Box$          | Ш              |          |  |  |  |
|   |   | 3        | -        | Н               | $\dashv$  | +            | +         | +      |                 | Н         |              |            | 52<br>53 | $\vdash$                | $\dashv$    | $\dashv$     | +              | $\dashv$   | ┥        | $\dashv$  |         | ┨᠁             |          | 102<br>103    | ╁                    | +              | ╁╌         | $\vdash$        | <del>├</del> ┤ | -+       | +  |  |  |
|   | 2                                       | 4        | 5        |                 |           |              | 1         |        |                 |           |              |            | 54       | 口                       |             | 7            | I              |            | コ        |           | 丁       | ⇉              |          | 104           |                      |                |            |                 |                |          | 二  |  |  |
|   | 1.3                                     | 5<br>6   | H        | Н               | $\dashv$  | +            | +         | _      | _               | Ш         |              |            | 55<br>56 | $\sqcup$                |             | 4            | +              | 4          | 4        | $\dashv$  | _       | -              |          | 105<br>106    | Н                    | -              | -          | Н               | Н              | +        | +-   |  |  |
|   | 4                                       | 7        | H        | H               | ┪         | $\dashv$     | +         | +      | +               |           |              |            | 57       | H                       | $\dashv$    | +            | +              | $\dashv$   | $\dashv$ | $\dashv$  | +       | -              |          | 107           | H                    | +              | +          | Н               | H              | +        | +  |  |  |
|   | 6                                       | 8        |          |                 | $\Box$    | 1            |           |        |                 |           |              |            | 58       | П                       | $\Box$      | ightharpoons | #              | コ          | $\Box$   | $\Box$    |         | \end{bmatrix}∭ |          | 108           |                      |                |            |                 |                | 工        |  |  |  |
|   | 7                                       | 9<br>10  | V        | $\vdash$        |           | +            | -         | +      | Н               | Н         |              |            | 59<br>60 | H                       | -           | +            | +              | 4          | $\dashv$ | $\dashv$  | -       | -              | <u> </u> | 109<br>110    | H                    | -              | ╁          | H               | $\vdash$       | -        | +-   |  |  |
|   |   | 11       | +        | Н               | _         | +            | $\dagger$ | +      | Н               | Н         | ŀ            |            | 61       | H                       | +           | ┪            | +              | ┪          | +        | $\dashv$  | +       | -              | -        | 111           | H                    | -              |            | $\vdash$        | -              | $\dashv$ | +  |  |  |
|   |   | 12       |          |                 |           | $\Box$       | 1         |        |                 |           |              |            | 62       | П                       |             | $\Box$       | $\blacksquare$ | $\Box$     |          | コ         | $\perp$ |                |          | 112           | П                    | $\perp$        |            | $\Box$          |                |          |  |  |  |
|   |   | 13<br>14 | ⊢        | $\vdash \vdash$ | _         | +            | +         | +      | $\vdash$        | Н         |              |            | 63<br>64 | $\vdash$                | $\dashv$    | -            | +              | -          | $\dashv$ | $\dashv$  | +       | -              |          | 113<br>114    | Н                    | +              | +-         | H               | $\vdash$       | +        | ┼-   |  |  |
|   |   | 15       |          | H               | $\dashv$  | 十            | $\top$    |        |                 | H         |              |            | 65       |                         | 7           | $\dagger$    | +              | +          | ┪        | $\dashv$  | ┰       | -              |          | 115           | H                    | $\top$         | +          | Н               | Н              |          | +-   |  |  |
|   |   | 16       |          | П               |           | 1            | $\bot$    | $\bot$ |                 |           |              |            | 66       | Ш                       | $\Box$      | $\Box$       | 1              |            | $\Box$   | $\Box$    |         | 7              |          | 116           | П                    |                |            |                 |                |          | 工  |  |  |
|   |   | 17<br>18 |          | Н               | $\dashv$  | +            | ╬         | +      | -               |           |              |            | 67<br>68 | Н                       | $\dashv$    | +            | +              | +          | ┽        | +         | +       | -              |          | 117<br>118    | $\vdash$             | +              | +          | Н               | H              | +        | +  |  |  |
|   |   | 19       |          |                 | $\exists$ |              |           |        |                 |           |              |            | 69       | Ш                       |             |              | Ť              | 寸          |          | 士         |         |                |          | 119           | П                    | $\top$         | T          | П               | H              | $\top$   | +  |  |  |
|   |   | 20       |          |                 | 4         | 1            | 4         |        |                 |           |              |            | 70       |                         | _           | _            | $\bot$         | 4          | $\dashv$ | $\perp$   | 4       | _              |          | 120           | Ш                    |                |            |                 |                | _        |  |  |  |
|   | -                                       | 21<br>22 | H        | H               | $\dashv$  | +            | +         | ╁      | H               |           | -            |            | 71<br>72 | $\vdash$                | $\dashv$    | $\dashv$     | +              | $\dashv$   | $\dashv$ | $\dashv$  | ┰       | -              |          | 121<br>122    | Н                    | +              | +          | Н               | $\dashv$       | +        | +  |  |  |
|   |   | 23       |          |                 |           | 1            |           |        |                 |           |              |            | 73       |                         |             | 1            | 士              | İ          |          |           |         |                | ,        | 123           |                      | 上              |            |                 |                |          | 土  |  |  |
|   | 3                                       | 24       | F        |                 | 4         | $\downarrow$ | +         | -      | Н               | _         |              |            | 74       | Н                       | 4           | 4            | 4              | 4          | $\dashv$ | _         | -       | -              |          | 124           | $\sqcup$             | _              | _          | Ш               |                |          | <del> </del>                                     |  |  |
|   | <u>ع</u><br>ري                          | 25<br>26 | Н        | H               | $\dashv$  | +            | ┿         |        | Н               |           | ŀ            |            | 75<br>76 | ${\mathbb H}$           | +           | +            | +              | +          | $\dashv$ | +         | +       | -              |          | 125<br>126    | $\vdash$             | +              | +          | Н               | $\dashv$       | +        | +  |  |  |
|   | u                                       | 27       |          |                 | $\Box$    |              | I         |        |                 |           |              |            | 77       |                         |             | 1            | 1              | 1          |          | 1         |         |                |          | 127           |                      |                |            |                 |                | 士        | 上  |  |  |
|   | 12                                      | 28       | Ш        | $\sqcup$        | 4         | 4            | $\perp$   |        | Ш               |           | -            |            | 78<br>79 | Н                       | 4           | +            | +              | $\dashv$   | 4        | 4         | _       | -              |          | 128           | Ш                    | _              | $\bot$     | Ш               | $\dashv$       |          | 1  |  |  |
|   | 3                                       | 29<br>30 | Н        | Н               | $\dashv$  | +            | +         | ╁      | Н               | -         | -            |            | 80       | $\vdash$                | +           | +            | +              | +          | +        | +         | +       | -              |          | 129<br>130    | H                    | +              | +          | Н               | $\dashv$       | +        | +  |  |  |
|   | 15                                      | 31       |          |                 | 1         |              |           | 工      |                 |           |              |            | 81       |                         |             | 1            | 丰              | 1          | 1        |           |         |                |          | 131           |                      |                |            |                 |                |          |  |  |  |
|   | 12                                      | 32<br>33 | H        | $\dashv$        | +         | +            | +         |        | Н               |           |              |            | 82<br>83 | H                       | 4           | 4            | +              | +          | $\dashv$ | +         | 4       | -              |          | 132<br>133    | $\vdash$             | -              | -          | Н               | -              | _        | <del> </del>                                     |  |  |
|   | 8                                       | 34       | W        | $\dashv$        | $\dashv$  | +            | +         | +      | Н               | -         | ∦            |            | 84       | $\dashv$                | +           | $\dagger$    | 十              | +          | +        | +         | +       | -              |          | 134           | $\vdash$             | +              | ╁╴         | H               | -              | +        | +  |  |  |
|   |   | 35       |          |                 |           | 1            | $\perp$   |        |                 |           |              |            | 85       | Ц                       | 1           | 1            |                |            |          | 1         |         |                |          | 135           |                      |                |            | $\square$       |                |          | 二  |  |  |
|   |   | 36<br>37 | Н        | -               | -         | +            | +         |        | Н               |           | -            |            | 86<br>87 | $\dashv$                | 4           | +            | - -            | +          | 4        | +         | +       | -              |          | 136<br>137    | Н                    | -              | +-         | H               |                | +        | <del> </del>                                     |  |  |
|   |   | 38       | Н        |                 | $\dashv$  | ╅            | +         | ╁      | Н               |           | -            |            | 88       | +                       | 十           | +            | +              | +          | +        | +         | +       | -              |          | 138           |                      | +              | +          | $\vdash$        |                | +        | +  |  |  |
|   |   | 39       | П        |                 | 1         |              | $\perp$   |        |                 |           |              |            | 89       | $\Box$                  | $\Box$      | 1            | $\blacksquare$ | ]          | $\Box$   | $\bot$    | $\bot$  | ]              |          | 139           |                      | $\blacksquare$ |            |                 |                |          |  |  |  |
|   | -                                       | 40<br>41 | Н        | $\dashv$        | +         | +            | +         | +      | $\vdash \vdash$ |           | <b>  </b>  - |            | 90<br>91 | $\vdash \vdash$         | +           | +            | +              | +          | -        | +         | +       | -              |          | 140<br>141    | $\vdash \vdash$      | +              | +-         | H               | $\dashv$       |          | +-   |  |  |
|   |   | 42       | H        |                 | 寸         | $\pm$        | 士         |        | H               |           | <b>∦</b>     |            | 92       |                         | _†          | $\dagger$    | _ -            | _          | _†       | $\dagger$ | 士       |                |          | 142           |                      | 十              | $\pm$      | H               |                | +        | +  |  |  |
|   |   | 43       | П        | $\Box$          | 1         | T            | T         | I      | П               |           |              |            | 93       | $\Box$                  | コ           | 1            | 1              | 1          | 7        | 丁         | T       | <b>]</b>       |          | 143           | 口                    | 1              |            | $\square$       |                | $\top$   | I  |  |  |
| • |   | 44<br>45 | Н        | $\vdash$        | $\dashv$  | +            | +         | +      | H               |           | <b>%</b>  -  | $\dashv$   | 94<br>95 | +                       | ╁           | +            | +              | $\dashv$   | +        | +         | +       | -              |          | 144<br>145    | $\vdash \vdash$      | +              | +-         | $\vdash \vdash$ | $\dashv$       | +        | +  |  |  |
|   |   | 46       |          |                 | $\perp$   | 士            | 士         |        |                 |           |              |            | 96       | $\exists$               | $\bot$      | 士            | 士              | _          | 士        | 士         | 士       | <u> </u>       |          | 146           | $\Box$               | 士              | $^{\perp}$ |                 | _†             | $\pm$    |  |  |  |
|   |   | 47       | Ц        | $\dashv$        | 7         | $\bot$       | _[        | -      | П               |           |              |            | 97       | $\Box$                  | 7           | 7            | T              | Ţ          | $\bot$   | Ţ         | T       | _              |          | 147           | П                    | $\perp$        | 1          | П               | 7              | T        | $\Box$   |  |  |
|   |   | 48<br>49 | $\vdash$ | $\dashv$        | +         | +            | +         | +      | $\vdash$        | $\dashv$  | -            |            | 98<br>99 |                         | +           | +            | +              | +          | +        | +         | +       | -              |          | 148<br>149    | ${oldsymbol{arphi}}$ | +              | +-         | $\vdash$        | $\dashv$       | +        | +-   |  |  |
|   |   | 50       | Н        | 7               | $\top$    | 十            | $\top$    | $\top$ |                 | -         | ∦            |            | 100      | $\top$                  | $\top$      | +            | $\dagger$      | $\dagger$  | 7        | +         | $\top$  | ┧▒┟            |          | 150           | H                    | $\top$         | $\top$     | H               | _              | +        | <del>                                     </del> |  |  |

Application/Control No.

Applicant(s)/Patent under